

Acoustical Course Descriptions

Orientation
Safety & Health Certifications
Acoustical Ceilings
Standard Acoustical Grids
Suspended Ceilings
Soffits
Prefab / Sound Panels
Concealed / Glue-Up / Staple-Up Systems
Printreading
Designer & Specialty Trims
Metal Pan & Security Systems
Advanced Printreading
Advanced Acoustical Layout
Advanced Acoustical Installation
Drywall / Acoustical Ceilings

ORIENTATION **(40 Hours)**

This course is designed to introduce the apprentice to the Interior Systems program. The content of the course will include safe and proper use of hand tools, power tools, trade related math, beginning print reading and layout as well as safety certifications. Certifications will include scaffold erector/dismantler (welded frame) and low velocity powder actuated tools.

SAFETY & HEALTH CERTIFICATIONS **(40 Hours)**

This course will provide safety and health training that meets the needs of the Interior Systems industry. The content of the course will include certification in Power Industrial Trucks, Aerial Lift, American Red Cross First Aid / CPR/ AED, and OSHA 10.

ACOUSTICAL CEILINGS **(40 Hours)**

The purpose of this course is to learn about Acoustical ceilings, seismic codes and the theory behind them. Also, wall molds, trims, ceiling layout and material identification will be discussed. Students will install ceilings using this new technical knowledge.

STANDARD ACOUSTICAL GRIDS **(40 Hours)**

This course includes classroom instruction but will focus more on Acoustical grid installation such as 2 x 4 and 2 x 2 flat ceilings, H-in pattern, radius, gable and diagonal ceilings.

SUSPENDED CEILINGS **(40 Hours)**

This course is designed to provide related classroom instruction with technical skills to install circular ceilings with drops, drywall suspension grid in both square and circular areas.

SOFFITS **(40 Hours)**

This course will provide the student with more advanced knowledge and skill in the Acoustical industry. Class will focus on square and slant faced, tapered, concealed, drywall suspension, and sloped soffits.

PREFAB / SOUND PANELS (40 Hours)

This course will focus on the technical knowledge and skills needed in installation of prefabricated wall and ceiling panel systems.

CONCEALED / GLUE-UP / STAPLE-UP SYSTEMS (40 Hours)

This course is designed to show concealed/semi-concealed ceilings and soffits, glue-up and staple-up. Both technical knowledge and skills will be used in assembling these ceilings.

PRINTREADING (40 Hours)

This course introduces the basic principles and conventions associated with architectural print interpretation. Print characteristics, drawing methods, and standard graphic representations are explained and thoroughly discussed. Students will review plans and apply the visualization techniques presented in the training.

DESIGNER & SPECIALTY TRIMS (40 Hours)

This course is a more advanced look at concealed systems. Previous knowledge will be applied when installing air bars, double soffits and compasso®.

METAL PAN & SECURITY SYSTEMS (40 Hours)

This course will focus on the technical knowledge and skills needed to work with these high end products.

ADVANCED PRINTREADING (40 Hours)

In this course, students will analyze multi-view drawings to determine construction type, locate benchmark, find building element, references, and perform calculations for construction purposes. The training will include sketching, material take-off, labor estimation, and the methods used to interpret schedules and specifications.

ADVANCED ACOUSTICAL LAYOUT (40 Hours)

This course identifies the advanced layout methods used to complete complex acoustical system installations. Seismic codes and requirements are also reviewed. Layout techniques for establishing intricate geometric designs for ceiling grids will be discussed and practiced. Students will use the skills presented to complete selected multifaceted acoustical ceiling layout projects as part of this course.

ADVANCED ACOUSTICAL INSTALLATION (40 Hours)

This course identifies the materials and methods used for the advanced installation of acoustical ceilings. Installation for custom and intricate grid systems will be discussed. Green building rating systems will be applied to selected acoustical materials. Students will use the skills presented to complete a complex acoustical ceiling project as part of this course.

DRYWALL ACOUSTICAL CEILINGS (40 Hours)

This course identifies the materials and methods used for the installation of acoustical ceilings. Seismic codes, materials, and requirements are also reviewed. Installation for various grid systems will be discussed. Students will use the skills presented to complete an acoustical ceiling project as part of this course.